

Asian Gypsy Moth Trapping Submission Guidelines

1999 Field Season

Gypsy moth specimens trapped this field season will again be analyzed at the Otis Plant Protection Laboratory for the presence of Asian genetic markers. All specimens submitted from outside the generally-infested area will be analyzed. Be aware that due to the quantity of specimens submitted from within the generally-infested area, only a fraction can be processed.

We can again provide supplies for submitting specimens. Rather than paper bags used in previous years, we will be supplying envelopes which we hope will be simpler for all parties. In addition to the envelopes, we can supply PPQ Form 305 (Insect Collection Worksheet for Genotype Analysis, update Dec 95), and mailing labels. In your request (please via fax or e-mail only) indicate the following: (i) number of traps to be placed, (ii) mailing address for the supplies, (iii) telephone & fax numbers and E-mail address, and (iv) your name, of course.

Guidelines for trap type and placement are as described in the Asian Gypsy Moth Emergency Program Manual. Traps should be serviced a maximum of every two weeks to minimize degradation of the specimens. This is especially important in warm climates.

Milk Carton Traps: Transfer no more than 40 moths from a single trap into each envelope. If you are using paper bags provided in previous years, pour the contents of each trap into a single paper bag, *i.e.* the contents of one trap per bag. Do not use plastic bags since they will promote fungal growth. On each envelope or bag, write legibly the trap number and collection date. If the trap contents are obviously damp, let them dry (*e.g.* spreading on a table and letting them dry overnight) before fastening the envelope or bag closed. Please do not staple Form 305 to the bags, but rather fasten all forms together and include them with the shipment.

Delta Traps: Do not disassemble; leave specimens in trap.

Complete a PPQ Form 305 for each trap. To save some effort, it is okay to do the following: On a single 305 Form, complete the blocks (1,2,3,4,5, and 10) needing information common to all traps. Photocopies of this partially completed form can then be used for individual traps.

Before shipping the specimens to the Otis PPC:

1. If necessary, add tissues (facial or toilet paper) to the inside of the paper bags to cushion the specimens during shipment. Fasten each bag closed with tape or staples. If envelopes are used, tissues are not needed.
2. Package the envelopes, bags or delta traps in a shipping box in a manner that minimizes their shaking within the box but yet prevents the bags or traps from being crushed.
3. Enclose a completed 305 Form (or photocopy) for each trap. Please do not staple forms to the bags.
4. **With the first shipment of the season**, please include a map of the port area indicating trap placements.

Ship the specimens as soon as possible after they have been removed from the traps. It is important that we receive them quickly to minimize the growth of fungi, which severely decreases our ability to extract useful information.

Summaries of the genotype analyses will be posted periodically to the PPQ Bulletin Board (ppq_info).

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